DMR Copy of Record

Permit

Permit #: IN0062669

Permittee: AQUABOUNTY FARMS INDIANA LLC

Major: No

Permittee: AQUABOUNTY FARMS INDIANA LEC

ALBANY, IN 47320

Facility Location:

Facility:

AQUABOUNTY FARMS INDIANA LLC

11550 E GREGORY RD ALBANY, IN 47320

Permitted Feature:

001 External Outfall Discharge:

001-AMAIN HATCHERY

Report Dates & Status

Monitoring Period: From 10/01/19 to 10/31/19

DMR Due Date: 11/28/19

Status: NetDMR Validated

Considerations for Form Completion

NOTIFY IDEM OF THE USE OF ANY NEW/ CHANGED WATER TREATMENT ADDITIVES/ RATES. INDUSTRIAL MINOR DELAWARE COUNTY.

Title:

Principal Executive Officer

First Name: Peter

Bowyer

Facility Manager

Telephone:

919-748-9911

No Data Indicator (NODI)

Last Name:

Form NODI:

FOITH	Parameter	Monitoring Location		" Davam NODI			,	Quantity or I	Laadina					Quality or Conc				of Ev. Even	uency of Analysis	Comple Type				
0 - 1 -		wonitoring Location	1 Season	Faram. NODI		Qualifier 1	Value 1			Unite	Qualifier 1	1 Value 1	Qualifier 2	•	Qualifier 3	3 Value 3		or Ex. Freq	dency of Analysis	Sample Type				
Code	Name					Qualifier 1	value 1	Qualifier 2	2 Value 2	Units	Qualifier		Qualifier 2	Value 2	Qualifier		Units			00.00.00				
					Sample						=	6.99					19 - mg/L		,	G3 - GRAB-3				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	1		Permit Req.						>=	6 DLYAVMII	N				19 - mg/L 0	01/30	- Monthly	G3 - GRAB-3				
					Value NODI																			
					Sample						=	7.44			=		12 - SU		,	GR - GRAB				
00400	рН	1 - Effluent Gross	0		Permit Req.						>=	6 DAILY MN	I		<=	9 DAILY MX	12 - SU 0	01/30	- Monthly	GR - GRAB				
					Value NODI																			
					Sample								=	3.5	=	4	19 - mg/L	02/30	- Twice Per Month	GR - GRAB				
00530	Solids, total suspended	1 - Effluent Gross	1		Permit Req.								<=	18 MO AVG	<=	36 DAILY MX	19 - mg/L 0	02/30	- Twice Per Month	GR - GRAB				
					Value NODI																			
					Sample								=	1.78	=	1.78	19 - mg/L	01/30	- Monthly	GR - GRAB				
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	1	1	1	1		Permit Req.								<=	1.7 MO AVG	<=	3.8 DAILY MX	19 - mg/L 1	01/30	- Monthly	GR - GRAB
					Value NODI																			
					Sample								=	0.524	=	0.634	19 - mg/L	02/30	- Twice Per Month	GR - GRAB				
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.									Req Mon MO A\	/G	Req Mon DAILY MX	19 - mg/L 0	02/30	- Twice Per Month	GR - GRAB				
					Value NODI																			
					Sample	= (0.827071	=	0.936923	03 - MGD								02/30	- Twice Per Month	TM - TOTALZ				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Reg.	ı	Req Mon MO AVO	3	Reg Mon DAILY MX	03 - MGD							0	02/30	- Twice Per Month	TM - TOTALZ				
	, i				Value NODI				·															
					Sample								_	5	_	5	19 - mg/L	01/30	- Monthly	GR - GRAB				
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	1		Permit Reg.								<=	15 MO AVG	<=		19 - mg/L 0		,	GR - GRAB				
	,		ľ		Value NODI													,	,					
					Sample			_	25.639205	80 - Mgal/m	10							01/30	- Monthly	RT - RCOTOT				
82220	Flow, total	1 - Effluent Gross	0		Permit Reg.			_	Reg Mon MO TOTAL	-							0		,	RT - RCOTOT				
02220	i iow, total	1 - Elliuelli Gloss	U		Value NODI				INEQ IVIOLITIVIO TOTAL	- 00 - Wydi/II	10						U	01/30	- MOHILIN	KT - KCCTOT				
					value NODI																			

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

	Parameter	Manitarina Lagatian	Field	Tuna	Decembrian	Aalmandadaa
Code	Name	Monitoring Location	rieia	Туре	Description	Acknowledge
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. (Error Code: 1)	Yes

Comments

Attachments

	Name	Туре	Size
IN0062669_001A_NCR_2019_10.pdf		pdf	33476
IN0062669_001A_MMR_2019_10.pdf		pdf	48691

Report Last Saved By

AQUABOUNTY FARMS INDIANA LLC

User: L.RUTHERFORD
Name: Lauren Rutherford

E-Mail: I.rutherford@sesadvantage.com

Date/Time: 2019-11-27 14:43 (Time Zone: -05:00)

Report Last Signed By

User: PBOWYER@AQUABOUNTY.COM

Name: Peter Bowyer

E-Mail: pbowyer@aquabounty.com

Date/Time: 2019-11-27 14:44 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: IN0062669 Permittee: AQUABOUNTY FARMS INDIANA LLC

Major: No Permittee Address: 11550 E GREGORY RD

ALBANY, IN 47320

Permitted Feature: 002 Discharge: 002-A External Outfall HATCH

HATCHERY AT BROOKSTOCK BUILDING - NO TREATMENT

AQUABOUNTY FARMS INDIANA LLC

11550 E GREGORY RD

ALBANY, IN 47320

Facility:

Facility Location:

Report Dates & Status

Monitoring Period: From 10/01/19 to 10/31/19 DMR Due Date: 11/28/19 Status: NetDMR Validated

Considerations for Form Completion

NOTIFY IDEM OF THE USE OF ANY NEW/ CHANGED WATER TREATMENT ADDITIVES/ RATES. INDUSTRIAL MINOR DELAWARE COUNTY.

Principal Executive Officer

First Name: Peter Title: Facility Manager Telephone: 919-748-9911

Last Name: Bowyer

No Data Indicator (NODI)

Form NODI:

Parameter	Monitoring Location	Seasor	n # Param. NOD				Quantity or Loa	ading				Q	uality or Concentra	ation		#	of Ex. Frequency of Analysis	Sample Type
Code Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	2 Value 2	Qualifier 3	Value 3	Units		
				Sample														
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	1		Permit Req.						>=	6 DLYAVMIN					19 - mg/L	01/30 - Monthly	G3 - GRAB-3
				Value NODI							C - No Discharge	Э						
				Sample														
00400 pH	1 - Effluent Gross	0		Permit Req.						>=	6 DAILY MN			<=	9 DAILY MX	12 - SU	01/30 - Monthly	GR - GRAB
				Value NODI							C - No Discharge	Э			C - No Discharge			
				Sample														
00530 Solids, total suspended	1 - Effluent Gross	1		Permit Req.								<=	18 MO AVG	<=	36 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	1		Permit Req.								<=	1.7 MO AVG	<=	3.8 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.	R	eq Mon MO AV	′G R	eq Mon DAILY MX	03 - MGD								02/30 - Twice Per Month	TM - TOTALZ
				Value NODI	С	- No Discharge	e C	- No Discharge										
				Sample														
30082 BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	1		Permit Req.								<=	15 MO AVG	<=	30 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
32220 Flow, total	1 - Effluent Gross	0		Permit Req.			R	eq Mon MO TOTAL	80 - Mgal/mo								01/30 - Monthly	RT - RCOTO
				Value NODI			С	- No Discharge										

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Туре	Size
IN0062669_002A_MMR_2019_10.pdf	pdf	45850

Report Last Saved By

AQUABOUNTY FARMS INDIANA LLC

User: L.RUTHERFORD
Name: Lauren Rutherford

E-Mail: I.rutherford@sesadvantage.com

Date/Time: 2019-11-21 09:34 (Time Zone: -05:00)

Report Last Signed By

User: PBOWYER@AQUABOUNTY.COM

Name: Peter Bowyer
E-Mail: pbowyer@aquabounty.com

Date/Time: 2019-11-27 14:44 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: IN0062669

AQUABOUNTY FARMS INDIANA LLC Permittee:

Major: No **Permittee Address:** 11550 E GREGORY RD

ALBANY, IN 47320

Facility Location: 11550 E GREGORY RD ALBANY, IN 47320

Permitted Feature: 003

External Outfall

Discharge: 003-A

HATCHERY AT LARGER ELS BUILDING - NO TREATMENT

Report Dates & Status

From 10/01/19 to 10/31/19 **Monitoring Period:**

Bowyer

DMR Due Date: 11/28/19 **NetDMR Validated**

AQUABOUNTY FARMS INDIANA LLC

Considerations for Form Completion

NOTIFY IDEM OF THE USE OF ANY NEW/ CHANGED WATER TREATMENT ADDITIVES/ RATES. INDUSTRIAL MINOR DELAWARE COUNTY.

Principal Executive Officer

Peter First Name:

Title: Facility Manager Telephone:

Facility:

Status:

919-748-9911

No Data Indicator (NODI)

Form NODI:

Last Name:

Monitoring Location Season # Param. NODI **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Qualifier 1 Qualifier 2 Units Qualifier 1 Value 1 Units Value 1 Value 2 Value 2 Qualifier 3 Value 3 Sample 1 - Effluent Gross Permit Rea 6 DLYAVMIN 01/30 - Monthly

G3 - GRAB-3 00300 Oxygen, dissolved [DO] 19 - mg/L Value NODI C - No Discharge Sample 00400 pH 1 - Effluent Gross Permit Reg. 6 DAILY MN 9 DAILY MX 12 - SU 01/30 - Monthly GR - GRAB Value NODI C - No Discharge C - No Discharge Sample 00530 Solids, total suspended 1 - Effluent Gross Permit Req. 18 MO AVG 36 DAILY MX 19 - mg/L 02/30 - Twice Per Month GR - GRAB Value NODI C - No Discharge C - No Discharge Sample GR - GRAB 00610 Nitrogen, ammonia total [as N] 1 - Effluent Gross Permit Req. 1.7 MO AVG 3.8 DAILY MX 19 - mg/L 01/30 - Monthly C - No Discharge C - No Discharge Value NODI Sample 00665 Phosphorus, total [as P] Reg Mon MO AVG Reg Mon DAILY MX 19 - mg/L 02/30 - Twice Per Month GR - GRAB 1 - Effluent Gross Permit Reg. Value NODI C - No Discharge C - No Discharge Sample 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 Permit Reg. Reg Mon MO AVG Reg Mon DAILY MX 03 - MGD 02/30 - Twice Per Month TM - TOTALZ Value NODI C - No Discharge C - No Discharge Sample 80082 BOD, carbonaceous [5 day, 20 C] 1 - Effluent Gross Permit Req. 15 MO AVG 30 DAILY MX 19 - mg/L 01/30 - Monthly GR - GRAB Value NODI C - No Discharge C - No Discharge Sample 82220 Flow, total Req Mon MO TOTAL 80 - Mgal/mo RT - RCOTOT 1 - Effluent Gross 01/30 - Monthly Permit Req.

C - No Discharge

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Value NODI

Edit Check Errors

No errors.

Comments

Attachments

Name Name	Туре	Size
IN0062669_003A_MMR_2019_10.pdf	pdf	45693

Report Last Saved By

AQUABOUNTY FARMS INDIANA LLC

User: L.RUTHERFORD Lauren Rutherford Name:

E-Mail: I.rutherford@sesadvantage.com Date/Time: 2019-11-21 09:33 (Time Zone: -05:00)

Report Last Signed By

PBOWYER@AQUABOUNTY.COM User:

Name: Peter Bowyer
E-Mail: pbowyer@aquabounty.com

Date/Time: 2019-11-27 14:45 (Time Zone: -05:00)

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Indiana Discharge Monitoring Report

State Form 30530 (R3 / 3-14)

FACILITY NAME AND ADDRESS: Aquabounty Farms Indiana LLC 11550 East Gregory Road Albany, Indiana 47320

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE 28TH OF THE FOLLOWING MONTH.

Mail To:

Indiana Department of Environmental Management Office of Water Quality, Mail Code 65-42

100 North Senate Avenue Indianapolis, Indiana 46204-2251

E-mail address: pbowyer@aquabounty.com

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				Fri	18	0.9369	923												
			,	Sat	19	0.9024	131												
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is to the	best of	my knov	vledge an	d belief,	true, acc	curate, and	ď		Signature of principal executive officer or authorized agen							Date (month, day, year)			ar)
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					possibili	ty of fine a	nd				Peter Bo	wver					11/21	1/2010	
ımprison	ment fo	r knowir	ng violation	ns.							. 0.0. 00	, 5.				11/21/2019			

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Indiana Discharge Monitoring Report

State Form 30530 (R3 / 3-14)

FACILITY NAME AND ADDRESS: Aquabounty Farms Indiana LLC 11550 East Gregory Road Albany, Indiana 47320

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE 28TH OF THE FOLLOWING MONTH.

Mail To:

Indiana Department of Environmental Management Office of Water Quality, Mail Code 65-42

100 North Senate Avenue

Indianapolis, Indiana 46204-2251 E-mail address: pbowyer@aquabounty.com

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I certify	under pe	enalty of	law that this do	cument ar	nd all att	achmen	ts	1	-					,					
		•	y direction or su							Larry Re	eyr	nolds]	1/21	/2019	
	-		ssure that qualifi					Preparer's telephone number Operato							tor's ce	s certification number			
			ation submitted.			•	ie	Operation of the priority manuscript								2 Certification number			
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			g the information				u	Signature of principal executive officer or authorized agent							nt				
			wledge and belien at there are sigr					(or attested by NetDMR subscriber agreement)							III	Date (month, day, year)			
			_												44/04/0040				
submitting false information, including the possibility of fine and imprisonment for knowing violations.							Peter Bowyer								11/21/2019				

MO Indi

MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Indiana Discharge Monitoring Report

State Form 30530 (R3 / 3-14)

FACILITY NAME AND ADDRESS: Aquabounty Farms Indiana LLC 11550 East Gregory Road Albany, Indiana 47320 PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH. THIS REPORT MUST BE POSTMARKED NO LATER THAN THE 28TH OF THE FOLLOWING MONTH.

2011 OF THE FOLLOWING MONTH.

Mail To: Indiana Department of Environmental Management Office of Water Quality, Mail Code 65-42

100 North Senate Avenue Indianapolis, Indiana 46204-2251

E-mail address: <u>pbowyer@aquabounty.com</u>

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FREQU	JENCY	,	Permit	Conditi	on	2x/N	1onth	1x/N	1onth	1x/Month	2x/Month	1x/Month	2x/Month	1x/Month	
			Monito	red											
EFFLU	IENT		Permit	Minimu	m	N	/A	6	.0	6.0	N/A	N/A	N/A	N/A	
LIMITA	TIONS	3		Averag		REF	ORT	_	/A	N/A	18	1.7	REPORT	15	1
				Maximu			ORT		.0	N/A	36	3.8	REPORT	30	1
					NITS =		GD		LOW	MG/L	MG/L	MG/L	MG/L	MG/L	+
				Tue	1			1	2011	WIO/L	WOL	WIG/E	IVIO/E	IIIO/L	+
				Wed	2										+
				Thu		-		-							+
					3	—									
				Fri	4										
				Sat	5	<u> </u>		.						<u> </u>	↓
				Sun	6							ļ			↓
				Mon	7	<u> </u>		<u> </u>		ļ		<u> </u>			<u> </u>
				Tue	8	<u> </u>				No Discharge					
				Wed	9										
				Thu	10										
				Fri	11										
				Sat	12										
				Sun	13										1
				Mon	14										1
				Tue	15										1
				Wed	16										+
				Thu	17										+
				Fri	18	-									+
				Sat	19	-									+
					20										+
				Sun		—									
				Mon	21	⊢—									
				Tue	22	<u> </u>									
				Wed	23	<u> </u>									
				Thu	24										
				Fri	25										<u> </u>
				Sat	26	<u> </u>									
				Sun	27	<u> </u>									
				Mon	28										
				Tue	29										
				Wed	30										T
				Thu	31										
MONTI	HLY A\	/ERAG	E												1
HIGHE	ST VA	LUE											1	1	1
LOWE	ST VAL	UE						1							†
NO. OF	TIMES	WEEKL	Y, DAILY EXCEE		HLY										1
TOTAL			Q8222				0		Prepa	red by or unde	r the direction	of (Certified O	perator):	Date (month,	day, year)
I certify i	under pe	enalty o	f law that	this docu	ıment ar	nd all att	achmen	ts							
-		-	y direction								Larry Rey	noids		11/2	1/2019
	-		ssure that	-					Prena	rer's telephone	number	Operator's co	's cortification number		
-	_		ation sub				-	е	пера	or a reightinite	Operator 3 ce	r's certification number			
			ne system							222		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
			g the info					d		260	[WW17265			
		-	wledge ar							ure of principa	ed agent	Date (month, day, year)			
complet	e. I am a	aware th	nat there a	are signif	icant pe	nalties fo	or		(or at	ested by NetD					
			ition, inclu		possibili	ty of fine	e and				Peter Bo			11/2	1/2019

NONCOMPLIANCE 24-HOUR NOTIFICATION REPORT



State Form 52415 (R / 10-13) Indiana Department of Environmental Management Office of Water Quality

INSTRUCTIONS: Complete all sections of this form and email it to Office of Water Quality, Compliance Data Section at <a href="www.www.email.org/www.email.or

Additionally, any noncompliance which may pose a significant danger to human health or the environment (including a fish kill) must be immediately reported to the Emergency Response Section spill response line at: (317) 233-7745 or toll free within Indiana at (888) 233-7745.

FACILITY INFORMATION												
Facility Name	Cor	unty	NPDES Permit Nu	ımber								
Aqua Bounty Farms	De	elaware	IN0062669									
Individual Reporting	Tel	ephone Number	Reporting Date (m	onth, day, year)								
Peter Bowyer	91	9-748-9911	11/21/19									
Email Address	•	·										
pbowyer@aquabounty.com												
		ICOMPLIANCE INFORMATION										
Date (month, day, year) Outfall	Parameter	Permit Limit (Units/Dail)	y/Weekly/Ave/Max/Min)	Monitored Value								
10/10/19 001	Ammonia	1.7 mg/L permit av		1.78 mg/L								
Date (month, day, year) Outfall Parameter Permit Limit (Units/Daily/Weekly/Ave/Max/Min) Monitored Value												
Description of the Noncompliance and	Its Cause:			1								
The ammonia concentration wa		the 1.7 mg/L permit ave	erage.									
	3	5 1	S .									
Description of the Period of Noncomplia	ance, Including Exact [Dates and Time, and if the No	ncompliance has not been Corrected	d, the Anticipated Time								
it is Expected to Continue:	•		·	•								
The period of noncompliance is			ature changes in the lagoons	s and inadequate								
aeration in the lagoons for nitrif	ication to properly	occur.										
Steps Taken or Planned to Reduce, Eli												
Investigate aeration of the lagor	ons to ensure prop	per nitrification is occuri	ng.									
		TIFICATION AND GLOVICE										
I certify under penalty of law that this do		TIFICATION AND SIGNATUR		ance with a system								
designed to assure that qualified perso who manage the system, or those perso and belief, true, accurate, and complete and imprisonment for knowing violation	nnel properly gather ar ons directly responsible e. I am aware that ther	nd evaluate the information su e for gathering the information	ubmitted. Based on my inquiry of the n, the information submitted is, to the	person or persons best of my knowledge								
SIGNATURE: Peter Bowyer			DATE (month,	dav. vear):								
11/21/19												